

Work Order ID 98104

98104

Page 1

March 6, 2013 10:42:34 AM

Item ID: D205-708-011

Accept

N9000040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Adjustable Engine Mount

Start Date: 3/06/13

Start Qty: 4.00

4

Cust Item ID:

Required Date: 3/29/13

Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan: *CL*

Date: *13/03/06*

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Work Center ID

Description

Run Hours

Code

Setup Qty

Reject Qty

Reject Number

Stamp

Draw Nbr

Revision Nbr

B80701

Rev C

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D205-708-011, CHG001

DAS
27
9-89

13 9 17

4 J for mcs 13-8-6
4

110

0.00

110

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: *19266* for:

6	D3284-001	(B80702-1)	Sleeve
2	D3284-003	(B80703-1)	Stud
4	D3284-005	(B80704-1)	Stud
6	D3284-007	(B80705-1)	Stud
6	NAS509-12	Nut	
6	NAS509L12	NutStud	

To be assembled as per Dwg B80701 Rev. C
Possible Supplier: Northern Aero
Certificate of Conformity is required

13-03-6

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Work Order ID 98104

98104

Page 2

March 6, 2013 10:42:34 AM

Item ID: D205-708-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Adjustable Engine Mount

Start Date: 3/06/13 Start Qty: 4.00

4

Cust Item ID:

Required Date: 3/29/13 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start *NR1*

QC: Date: SPC (Y/N): Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool R	Tool L	Plan Code	Accept Qty	Reject Qty	Reject Number	Resp. Comp.
120	Receive & Inspect for Damage & Mat'l Certs	0.00							
120									
Packaging	Memo	0.00							
Packaging	Receive & Inspect For Transit Damage Ensure Certificate of Conformity is attached								
130	QC5- Inspect part completeness to step on W/O	0.00							
130									
QC	Memo	0.00							
Quality Control	Inspect assembly. Visually inspect thread, fit and cad plating								
135	Pick Kit	0.00							
135									
Packaging	Memo	0.00							
Packaging									

4/3/12 6

13-07-31 00

4/3/12 4

1040
06
13/07/12

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 25%;">Skid-tube <input type="checkbox"/></td> <td style="width: 25%;">Crosstube <input type="checkbox"/></td> <td style="width: 25%;">Water Jet <input type="checkbox"/></td> <td style="width: 25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Work Order ID 98104

March 6, 2013 10:42:34 AM

98104

Page 3

Item ID: D205-708-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Adjustable Engine Mount

Start Date: 3/06/13

Start Qty: 4.00

4

Cust Item ID:

Required Date: 3/29/13

Req'd Qty: 4.00

4

Customer:

Reference:

Run Start

NR1

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

NR2

QC

Date:

SPC (Y/N):

Date:

Sequence ID:

Operation

Set Up/

Tool ID

Tool #

Plan

Accept

Reject

Reject

Resp.

Work Center ID

Description

Run Hours

Code

Qty

Qty

Number

Stamp

140

QC4- 100% Inspect kits for completeness

0.00

140

QC

Memo

0.00

Quality Control

DAS
27
9-89

13.9 17

150

Packaging

0.00

150

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D205-708-011

Location:

PPP Rev:

DAS
06
9-89

13/9/17 (4)

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

13/9/18

10/13-0917

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY			
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Picklist Print

March 6, 2013 10:42:33 AM

Page 1

Work Order ID: 98104

Parent Item: D205-708-011

Parent Item Name: Adjustable Engine Mount

Start Date: 3/06/13

Required Date: 3/29/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP C 06.01.31 Added MS206136C12 JLM/AP
IPP Rev:D 07-12-12 as per ECN 1074 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B80702-1 Sleeve		Purchased	No			J	Each	18.0000		24	98104		✓
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		18							
				94018									
B80703-1 Stud		Purchased	No				Each	6.0000		8	98104		✓
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		6							
				91674		4							
				94018		2							
B80704-1 stud		Purchased	No				Each	12.0000		16	98104		✓
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		12							
				91674		8							
				94018		4							
B80705-1 stud		Purchased	No				Each	18.0000		24	98104		✓
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST		18							
				91674		12							
				94018		6							
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		46							
				24757		13							
				94442		33							
D3284-009 Bearing		Manufactured	No			140	Each	46.0000		24	8X105545		✓
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST037		46							
				24757		13							
				94442		33							

D3284-009
Bearing

DAS
27
9-89

✓

B105006 44
94442 120

DAS
06
9-89

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

March 6, 2013 10:42:34 AM

Page 2

Work Order ID: 98104
Parent Item: D205-708-011
Parent Item Name: Adjustable Engine Mount

Start Date: 3/06/13 Required Date: 3/29/13
Start Qty: 4.00 Required Qty: 4.00

D3284-011 Bearing Manufactured No

DAS
27
9-89

4X

Location

ST037
24776
60004
94443

140 Each 8.0000

Loc Qty

8
5
2
1

Loc Code

4 98104 06
2P B106431
2 ~~12512~~ 32

MS20613-6C12 RIVET Purchased No

DAS
27
9-89

4X

Location

ST312
100089
105433

140 Each 63.0000

Loc Qty

63
6
57

Loc Code

2 8 - 06
100089 6X
12512 32

MS20613-6C16 RIVET Purchased No

DAS
27
9-89

4X

Location

ST312
115358
19392

140 Each 451.0000

Loc Qty

451
395
56

Loc Code

8 32 06
115358 20
19392 12P

MS20613-6C18 RIVET Purchased No

DAS
27
9-89

4X

Location

ST312
124343
19573

140 Each 21.0000

Loc Qty

21
18
3

Loc Code

4 16 06
124343
12 48

MS20613-6C19 RIVET Purchased No

DAS
27
9-89

4X

Location

ST312
124343
15921
16255

140 Each 20.0000

Loc Qty

20
9
5
6

Loc Code

12 48 06
M126410 12/3/12

March 6, 2013 10:42:34 AM

Shop Packet Print

Page 2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Picklist Print

March 6, 2013 10:42:34 AM

Page 3

Work Order ID: 98104
 Parent Item: D205-708-011
 Parent Item Name: Adjustable Engine Mount

Start Date: 3/06/13

Required Date: 3/29/13

Start Qty: 4.00

Required Qty: 4.00

NAS509-12 Purchased No 140 Each 85.0000

6

24

98104

DAS
27
9-89

UX

Location

Loc Qty

Loc Code

ST 18
 91674 12
 94018 6
 ST276 67
 15057 43
 24757 24

NAS509-12

Nut

DAS
27
9-89

UX

Location

Loc Qty

Loc Code

ST 18
 91674 12
 94018 6
 ST276 43
 102296 16
 15062 9
 24757 18

6

24

98104 3/8/12

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION <div style="display: flex; justify-content: space-around;"> <div> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> </div> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>	AGAINST DEPARTMENT/PROCESS
--------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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SPECIFICATION CONTROL DRAWING

DART P/N	SPECIFICATION
D3284-001 SLEEVE	ACS P/N B80702-1 PER ACS DWG B80702 REV. A
D3284-003 STUD	ACS P/N B80703-1 PER ACS DWG B80703 REV. A
D3284-005 STUD	ACS P/N B80704-1 PER ACS DWG B80704 REV. A
D3284-007 STUD	ACS P/N B80705-1 PER ACS DWG B80705 REV. B
D3284-009 BEARING	BHT P/N 47-140-252-5
D3284-011 BEARING	BHT P/N 205-060-101-001
D3284-021 TUBE ASSY	204-060-158-001 MODIFIED PER IIN-D205-708
D3284-023 BIPOD ASSY	204-060-155-001 MODIFIED PER IIN-D205-708
D3284-025 TRIPOD ASSY	204-060-157-001 MODIFIED PER IIN-D205-708
D3284-031 TUBE ASSY	205-060-107-001 MODIFIED PER IIN-D205-708
D3284-033 BIPOD ASSY	205-060-106-001 MODIFIED PER IIN-D205-708
D3284-035 TRIPOD ASSY	205-060-105-001 MODIFIED PER IIN-D205-708

*CL 13/03/06
W10: 98104*



NOTE:

FOR FUTURE PROCUREMENT, THE PURCHASE ORDER MUST SPECIFY THAT THE MATERIAL USED TO MANUFACTURE THE D3284-001, D3284-003, D3284-005, D3284-007 PARTS MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:

AISI 4130 ROUND BAR PER AMS 6349 MIL-S-6758 WITH
 MIN Ft_u = 90 Ksi
 MIN Ft_y = 70 Ksi

EACH INDIVIDUAL ITEM TESTED BEFORE USE OR PROVEN TO EQUAL OR EXCEED THE ABOVE.

RELEASED
 2010-03-25
W

3	ADD NOTE	RF	09.07.14
A	NEW ISSUE	KJ	04.05.06
REV.	DESCRIPTION	BY	DATE
SIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
AWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. B	
DES. APPR.	<i>[Signature]</i>	D3284 SHEET 1 OF 1	
PROVED	<i>[Signature]</i>	TITLE SCALE	
APPR.	<i>[Signature]</i>	ADJUSTABLE ENGINE MOUNT NTS	
DATE	09.07.14	COPYRIGHT © 2004 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19266**

Purchase Order Date 3/06/13

PO Print Date 5/23/13

Page Number 1 of 2

Order From :

VU-ACS001

ACS-NAI LTD.
25 DUNLOP AVENUE
WINNIPEG, MB R2X 2V2

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

204-772-9922

204-772-7568

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Brigitte Golden

10127-2607

Net 30

USD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	B80702-1	Sleeve	6/28/13 Yes	24.00 Each	FedEx PI collect	\$117.0000	\$2,808.00
Special Inst: PER DWG: D205-708-011							
2	B80703-1	Stud	6/28/13 Yes	8.00 Each	FedEx PI collect	\$98.0000	\$784.00
3	B80704-1	stud	6/28/13 Yes	16.00 Each	FedEx PI collect	\$87.0000	\$1,392.00
4	B80705-1	stud	6/28/13 Yes	24.00 Each	FedEx PI collect	\$99.5520	\$2,389.25
5	NAS509-12	Nut	6/28/13 Yes	24.00 Each	FedEx PI collect	\$11.5400	\$276.96

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr:

4

Change Date: 5/23/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19266

Purchase Order Date 3/06/13

PO Print Date 5/23/13

Page Number 2 of 2

Order From :

VU-ACS001

ACS-NAI LTD.
25 DUNLOP AVENUE
WINNIPEG, MB R2X 2V2

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

204-772-9922

204-772-7568

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

10127-2607

Net 30

USD

Destination-Collect

6	NAS509L12	Nut	6/28/13 Yes	24.00 Each	FedEx PI collect	\$22.4298	\$538.32
7	98104	D205-708-011 ADJUSTABLE ENGINE MOUNT	6/28/13 Yes	4.00	FedEx PI collect	\$20.0000	\$80.00

Special Inst: ASSEMBLED AS PER DWG: B80701
REV: C

PO Total:

\$8,268.52

Change Nbr:

4

Change Date: 5/23/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

ACS-NA

Engineering, Certification & Manufacturing

Packing Slip

ACS-NAI Ltd.

25 Dunlop Avenue
R2X 2V2 Winnipeg
Canada
Tel : 204-772-9922
Fax : 204-772-7568

Delivery No. : 3942
Delivery Date : 07/26/2013
SO No. : 28454
Your Reference : PO: 19266
Delivery Method : FEDEX
Payment Condition : Net 30 Days

Delivery to: Dart Aerospace Ltd.

Attention: Brigitte Golden
1270 Aberdeen Street

Hawkesbury K6A 1K7
Canada

B80702-1	SLEEVE 12-4610 (4) 12-4609 (6) 13-3647 (10)	24 EA	24	07/26/2013
B80703-1	7/8" STUD 13-1686 (7) 12-4612 (1)	8 EA	8	07/26/2013
B80704-1	3/4" MALE STUD 13-1687 (8) 13-3666 (8)	16 EA	16	07/26/2013
B80705-1	STUD 13-1688 (13) 13-3667 (11)	24 EA	24	07/26/2013
NAS509-12	NUT (.7500-16 UNJF-3B) 12-4366 (14) 13-1954 (10)	24 EA	24	07/26/2013
NAS509L12	NUT 13-1955	24 EA	24	07/26/2013
ASSEMBLY	ENGINE MOUNT KIT	4 EA	4	07/26/2013

Packages: 0

Gross Weight: 0.00

Net Weight:

Ordered by: Dart Aerospace Ltd.

Attention: Brigitte Golden
1270 Aberdeen Street

Hawkesbury K6A 1K7
Canada

Invoice to: Dart Aerospace Ltd.

0.00

Attention: Accounts
1270 Aberdeen Street


Hawkesbury K6A 1K7
Canada

I hereby certify that the aircraft part(s) described hereon were
acquired from a source of supply that is consistent with the
conditions under which TCCA distributor approval AMO88-97
has been granted.

Signatory

Date:

26 JULY 2013

1. Approving Civil Aviation Authority / Country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form tracking No. 28454-1	
4. Organization name and address ACS-NAI LTD. 25 Dunlop Avenue Winnipeg, Manitoba R2X 2V2 Canada				5. Work Order/Contract/Invoice PO: 19266	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/Work
1	Sleeve	B80702-1	24	(8) 12-4610, (6) 12-4609, (10) 13-3647	New
2	7/8" Stud	B80703-1	8	(1) 12-4612, (7) 13-1687	New
3	3/4" Male Stud	B80704-1	16	(8) 13-1687, (8) 13-3666	New
4	Stud	B80705-1	24	(13) 13-1688, (11) 13-3667	New
				
				
				
				
				
				
12. Remarks THESE AERONAUTICAL PRODUCTS CONFORM TO APPROVED DESIGN DATA IN ACCORDANCE WITH TCCA SH99-11 Iss. 3; (FAA STC SR00953NY).					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12 the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 	13c. Approved Organization Number AMO-88-97	14b. Authorized Signature	14c. Approved Organization Number		
13d. Name AL WILSON	13e. Date (dd mmm yyyy) 26-Jul-13	14d. Name	14e. Date (dd mmm yyyy)		
INSTALLER RESPONSIBILITIES					
This certificate does not constitute authority to install.					
Installers working in accordance with the national regulations of a country other than that specified in Block 1 MUST ensure that their regulations recognize certifications from the country specified.					
Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

Rel only

4.0 PARTS LIST

Qty -043	Qty -013	Qty -041	Qty -011	Part Number	Description
			X	D205-708-011	ADJUSTABLE ENGINE MOUNT KIT (205/UH-1)
		X		D205-708-041	ADJUSTABLE ENGINE MOUNT ASSEMBLY (205/UH-1)
	X			D204-708-013	ADJUSTABLE ENGINE MOUNT KIT (204)
X				D204-708-043	ADJUSTABLE ENGINE MOUNT ASSEMBLY (204)
	6		6	D3284-001	SLEEVE
			2	D3284-003	STUD
	6		4	D3284-005	STUD
	6		6	D3284-007	STUD
	6		6	D3284-009	BEARING
	1		1	D3284-011	BEARING
1				D3284-021	TUBE ASSEMBLY
1				D3284-023	BIPOD ASSEMBLY
1				D3284-025	TRIPOD ASSEMBLY
		1		D3284-031	TUBE ASSEMBLY
		1		D3284-033	BIPOD ASSEMBLY
		1		D3284-035	TRIPOD ASSEMBLY
	2		2	MS20613-6C12	RIVET
	12		8	MS20613-6C16	RIVET
			8	MS20613-6C18	RIVET
	12		8	MS20613-6C19	RIVET
	6		6	NAS509-12	NUT
	6		6	NAS509L12	NUT

5.0 WEIGHT AND BALANCE

The following is the net weight and moment change associated with this installation

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-708-011 Adjustable Engine Mount Kit (205/UH-1)	9.6 lb 4.4 kg	-3.0 in -0.08 m	-28.8 lb-in -0.35 kg-m	188.5 in 4.79 m	1810 lb-in 21.1 kg-m
D205-708-041 Adjustable Engine Mount Assembly (205/UH-1)					
D204-708-013 Adjustable Engine Mount Kit (204)	9.6 lb 4.4 kg	-3.0 in -0.08 m	-28.8 lb-in -0.35 kg-m	184.5 in 4.69 m	1771 lb-in 20.6 kg-m
D204-708-043 Adjustable Engine Mount Assembly (204)					